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REISSUE APPLICATION DECLARATION BY THE ASSIGNEE		Docket Number (optional) 43639.010400
I hereby declare that: My residence and mailing address and citizenship are stated below next to my name. I am authorized to act on behalf of the following assignee: <u>Merck Frosst Canada & Co.</u> and the title of my position with said assignee is: _____ The entire title to the patent identified below is vested in said assignee.		
Name of Patentee(s): <u>Wanda A. Cromlish, Brian P. Kennedy, Gary O'Neill, Philip J. Vickers, Elizabeth Wong and Joseph A. Mancini</u>		
Patent Number 5,543,297	Date of Patent Issued August 6, 1996	
Title of Invention <u>HUMAN CYCLOOXYGENASE-2 CDNA AND ASSAYS FOR EVALUATING CYCLOOXYGENASE-2 ACTIVITY</u>		
I believe said patentee(s) to be the original, first and sole/joint inventor(s) of the subject matter which is described and claimed in said patent, for which a reissue patent is sought on the invention entitled: <u>Human Cyclooxygenase-2 CDNA and Assays for Evaluating Cyclooxygenase-2 Activity</u> , the specification of which <input checked="" type="checkbox"/> is attached hereto. <input type="checkbox"/> was filed on _____ as reissue application number _____ / _____ and was amended on _____ (If applicable)		
I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56. I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.) <input type="checkbox"/> by reason of a defective specification or drawing. <input checked="" type="checkbox"/> by reason of the patentee claiming more or less than he had the right to claim in the patent. <input type="checkbox"/> by reason of other errors.		
At least one error upon which reissue is based is described as follows: Claims 20 and 21 of the patent recite a system while the claim from which they depend recites a transformed host. [Attach additional sheets, if needed.]		
All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant.		

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.5 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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REISSUE APPLICATION DECLARATION BY THE ASSIGNEE				Docket Number (Optional) 43639.010400	
I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith.					
Name(s)		Registration Number			
Eugene C. Rzucidlo		31,900			
Gerard F. Diebner		31,345			
Joseph M. Manak		33,013			
Correspondence Address: Direct all communications about the application to:					
<input type="checkbox"/> Customer Number		<div style="border: 1px solid black; width: 150px; height: 20px;"></div>		<div style="border: 1px solid black; padding: 5px; display: inline-block;"> Place Customer Number Bar Code Label Here </div>	
OR					
<input checked="" type="checkbox"/> Firm or Individual Name		Eugene C. Rzucidlo, Esq.			
Address		Greenberg Traurig LLP			
Address		885 Third Avenue, 21st Floor			
City		New York		State	NY
Country		U.S.A.			
Telephone		(212) 848-1000		Fax	(212) 688-2449
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.					
Full name of person signing (given name, family name) Donna L. Pollock - Administrator, Patents					
Signature <i>Donna L. Pollock</i>				Date <i>Nov. 16, 2000</i>	
Address of Assignee Merck & Co., Inc., P.O. Box 2000, 126 East Lincoln Ave., Rahway, NJ 07065					
Patentee Wanda A. Cromlish				Citizenship Canada	
Residence/Mailing Address Montreal, Canada					
Patentee Brian P. Kennedy				Citizenship Canada	
Residence/Mailing Address Kirkland, Canada					
<input checked="" type="checkbox"/> Additional Patentees are named on separately numbered sheets attached hereto.					

Additional Patentees

Patentee Gary O'Neill	Citizenship Canada
Patentee Philip J. Vickers	Citizenship Canada
Patentee Elizabeth Wong	Citizenship Canada
Patentee Joseph A. Mancini	Citizenship Canada

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STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Wanda A. Cromlish, Brian P. Kennedy, Gary O'Neill,
Philip J. Vickers, Elizabeth Wong and Joseph A. Mancini
Application No./Patent No.: 5,543,297 Filed/Issue Date: Aug. 6, 1996
Entitled: Human Cyclooxygenase-2 CDNA and Assays for Evaluating
Cyclooxygenase-2 Activity
Merck Frosst Canada & Co., a Corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☐ Copies of assignments or other documents in the chain of title are attached.
[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

11/20/00
Date

Eugene C. Rzucida
Typed or printed name
Eugene C. Rzucida
Signature
Attorney of Record (REg. No. 31,900)
Title

General Corporate Resolution #5

PATENT MATTERS

RESOLVED, that any of the following:

Raymond V. Gilmartin-Chairman of the Board, President and Chief Executive Officer
Kenneth C. Frazier-Senior Vice President and General Counsel
Joseph F. DiPrima-Vice President and Assistant General Counsel
Paul D. Matukaitis-Vice President and Assistant General Counsel
Edward Murray-Counsel, Litigation
Charles M. Caruso-Counsel, International
W. Gwyn Cole-Counsel-European Patents
Mark R. Daniel-Counsel, Patents
David L. Rose-Counsel, Patents
Jack L. Tribble-Counsel, Patents
Melvin Winokur-Counsel, Patents
Richard C. Billups-Assistant Counsel, Patent Practices
Donna L. Pollock-Administrator, Patents

are authorized to execute and to revoke on behalf of Merck & Co., Inc. and its affiliates (including subsidiaries) the following documents relating to patent matters:

Powers of attorney as fully in law as may be necessary and proper in connection with the acquisition, registration, maintenance and enforcement of patents and applications for patents, including powers of attorney relating to the prosecution or defense of patent rights before courts of law or other governmental tribunals, agencies or departments; affidavits and declarations; and any other documents which are necessary and proper for the acquisition, registration, maintenance, litigation and protection of patents.

CERTIFICATION

I, DEBRA A. BOLLWAGE, Assistant Secretary of Merck & Co., Inc., a Corporation duly organized and existing under the laws of the State of New Jersey, do hereby certify that the attached, presently in full force and effect, is a true and correct copy of General Corporate Resolution #5, Patent Matters, as amended on April 25, 2000 by the Board of Directors of said Corporation at a meeting thereof duly called and held on April 25, 2000 at which a quorum was present.

IN WITNESS WHEREOF, I have hereunto subscribed my signature and affixed the seal of the Corporation this 12th day of May, 2000.

Debra Bollwage
Assistant Secretary

SEAL